

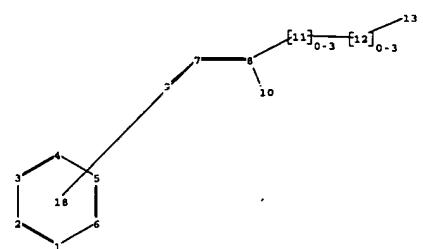
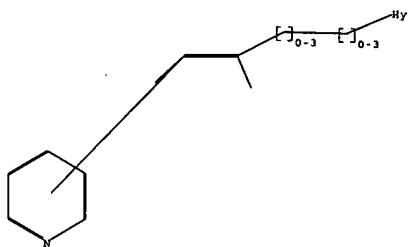
FILE ORDERING
order patent files results

P

Wednesday
5/29/02
1:46:03 PM
WFO1003PR

Serial# 09/431700 File order accepted

Place another order



chain nodes :
 7 8 9 10 11 12 13

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8 7-9 8-10 8-11 11-12 12-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

12-13

exact bonds :

7-8 7-9 8-10 8-11 11-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 12:CLASS 13:Atom 18:CLASS

Element Count :

Node 13: Limited
 N,N1

V. Balasubramanian

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LOGINID: ssspta1611bxv

PASSWORD :

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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 12:36:31 ON 29 MAY 2002

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL

09/845,526

V. Balasubramanian

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:36:40 ON 29 MAY 2002
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DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

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Crossover limits have been increased. See HELP CROSSOVER for details.

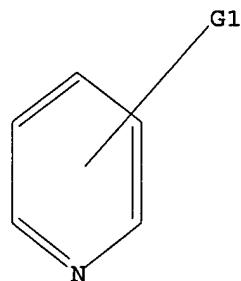
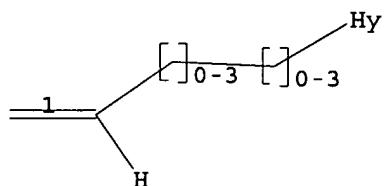
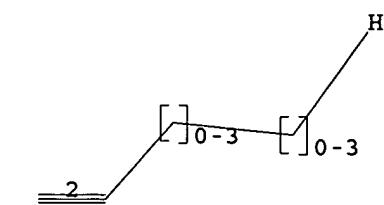
Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 098455264.str

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 [@1] , [@2]

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam
 SAMPLE SEARCH INITIATED 12:37:05 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 63589 TO ITERATE

1.6% PROCESSED 1000 ITERATIONS 1 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
 BATCH **INCOMPLETE**
 PROJECTED ITERATIONS: EXCEEDS 1000000
 PROJECTED ANSWERS: EXCEEDS 793

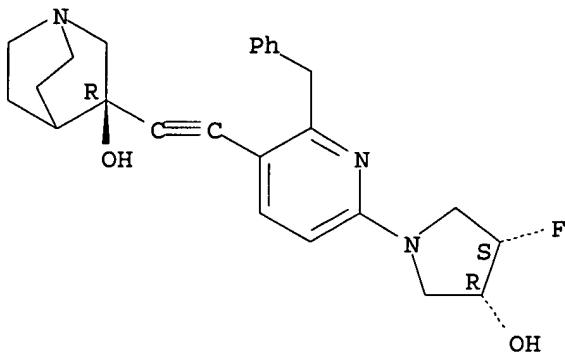
L2 1 SEA SSS SAM L1

=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1-Azabicyclo[2.2.2]octan-3-ol, 3-[(6-[(3S,4R)-3-fluoro-4-hydroxy-1-pyrrolidinyl]-2-(phenylmethyl)-3-pyridinyl]ethynyl]-, (3R)- (9CI)
 MF C25 H28 F N3 O2

Absolute stereochemistry.

V. Balasubramanian



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

STN INTERNATIONAL LOGOFF AT 12:37:24 ON 29 MAY 2002

Welcome to STN International! Enter x:x

LOGINID: ssspta1611bxv

- PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 098455264.str

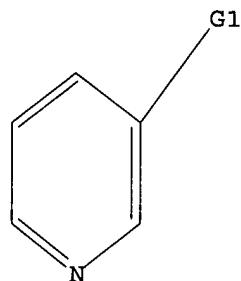
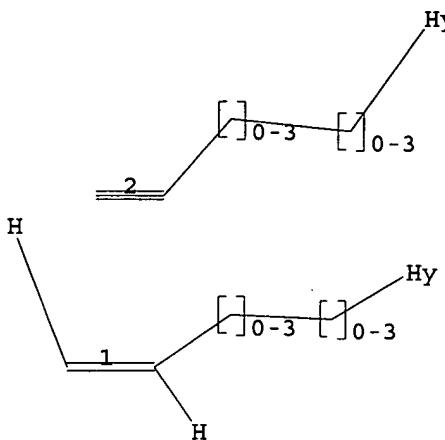
L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS

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L1

STR



G1 [@1] , [@2]

Structure attributes must be viewed using STN Express query preparation.

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=> s 11 sss sam
SAMPLE SEARCH INITIATED 12:39:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 23844 TO ITERATE

4.2% PROCESSED      1000 ITERATIONS          0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:    467671 TO    486089
PROJECTED ANSWERS:        0 TO      0
```

L2 0 SEA SSS SAM L1

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=> log y
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          0.38          0.59
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STN INTERNATIONAL LOGOFF AT 12:40:06 ON 29 MAY 2002

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID: ssspta1611bxv

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
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=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

09/845,526

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it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.

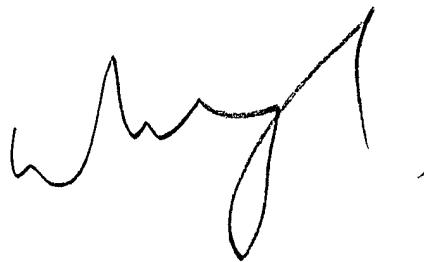
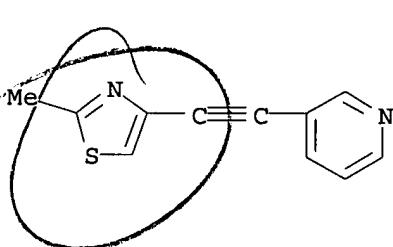
HELP FORMATS -- To see detailed descriptions of the predefined formats.

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ENTER DISPLAY FORMAT (IDE):end

=> d scan

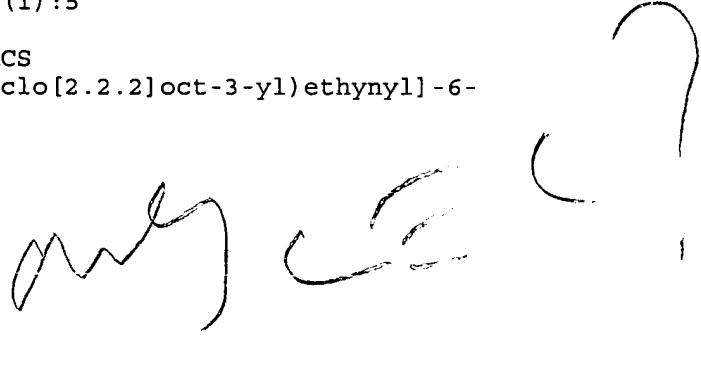
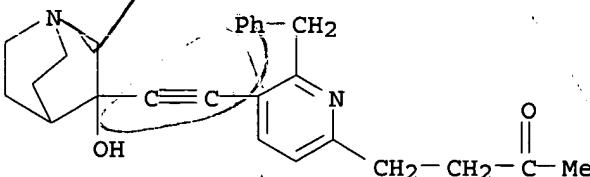
L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Pyridine, 3-[(2-methyl-4-thiazolyl)ethynyl]- (9CI)
MF C11 H8 N2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

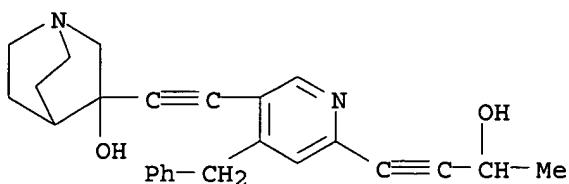
L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Butanone, 4-[(5-[(3-hydroxy-1-azabicyclo[2.2.2]oct-3-yl)ethynyl]-6-(phenylmethyl)-2-pyridinyl]- (9CI)
MF C25 H28 N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

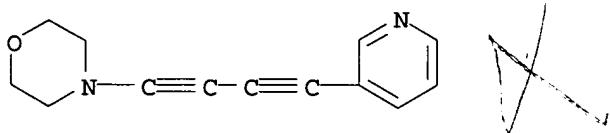
L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1-Azabicyclo[2.2.2]octan-3-ol, 3-[(6-(3-hydroxy-1-butynyl)-4-(phenylmethyl)-3-pyridinyl)ethynyl]- (9CI)
MF C25 H26 N2 O2

V. Balasubramanian



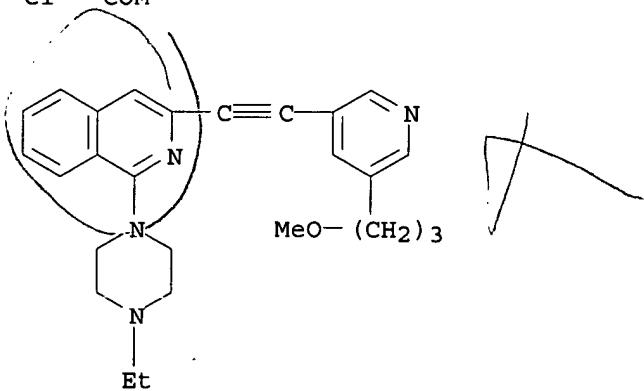
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Morpholine, 4-[4-(3-pyridinyl)-1,3-butadiynyl]- (9CI)
MF C13 H12 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Isoquinoline, 1-(4-ethyl-1-piperazinyl)-3-[(5-(3-methoxypropyl)-3-pyridinyl)ethynyl]- (9CI)
MF C26 H30 N4 O
CI COM

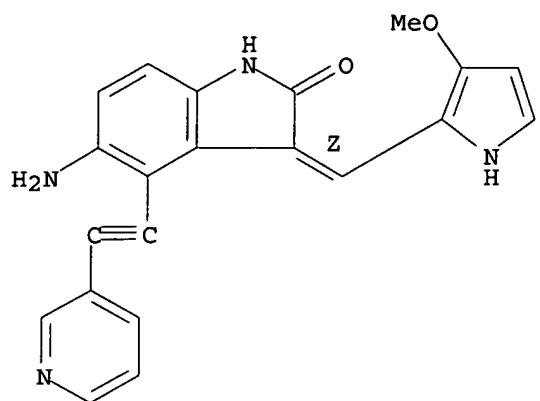


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 6 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2H-Indol-2-one, 5-amino-1,3-dihydro-3-[(3-methoxy-1H-pyrrol-2-yl)methylene]-4-(3-pyridinylethynyl)-, (3Z)- (9CI)
MF C21 H16 N4 O2

Double bond geometry as shown.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y			
COST IN U.S. DOLLARS	SINCE FILE		TOTAL
FULL ESTIMATED COST	ENTRY	0.76	SESSION
		0.97	

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V. Balasubramanian

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PASSWORD :

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NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
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NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
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NEWS WWW CAS World Wide Web Site (general information)

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=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL

09/845,526

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FULL ESTIMATED COST	ENTRY 0.21	SESSION 0.21
---------------------	---------------	-----------------

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DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

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conducting SmartSELECT searches.

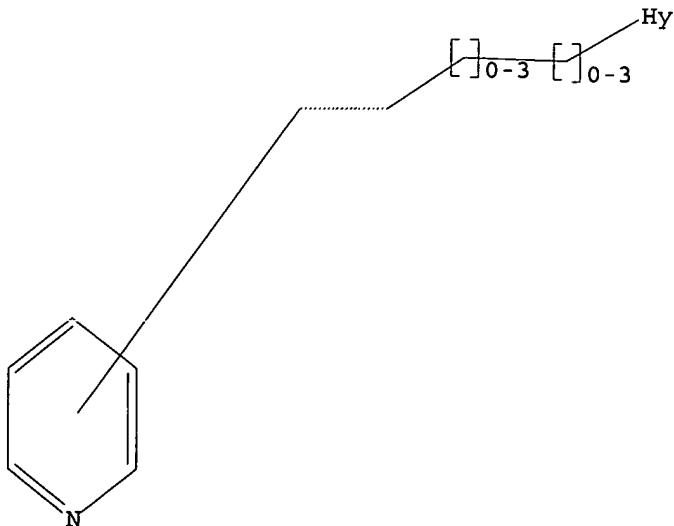
Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 098455263.str

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam
SAMPLE SEARCH INITIATED 12:21:44 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 63153 TO ITERATE

V. Balasubramanian

1.6% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

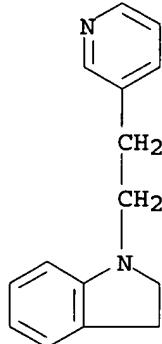
20 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 23130

L2 20 SEA SSS SAM L1

=> d scan

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Indoline, 1-[2-(3-pyridyl)ethyl]- (7CI)
MF C15 H16 N2
CI COM

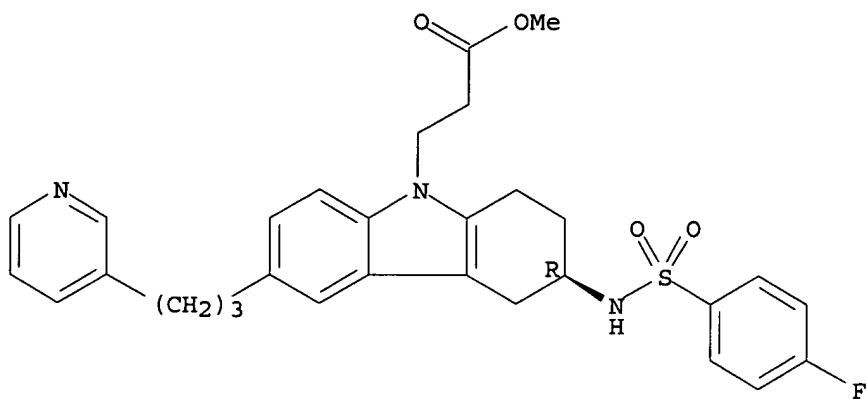


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):19

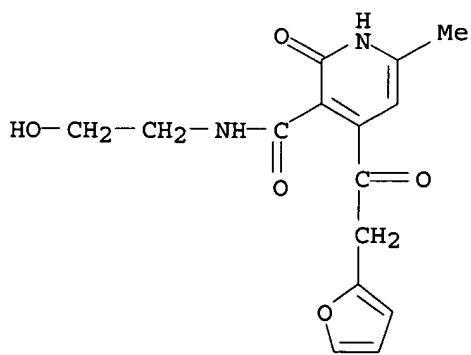
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 9H-Carbazole-9-propanoic acid, 3-[[[4-fluorophenyl)sulfonyl]amino]-1,2,3,4-tetrahydro-6-[3-(3-pyridinyl)propyl]-, methyl ester, monohydrochloride, (R)- (9CI)
MF C30 H32 F N3 O4 S . Cl H

Absolute stereochemistry.



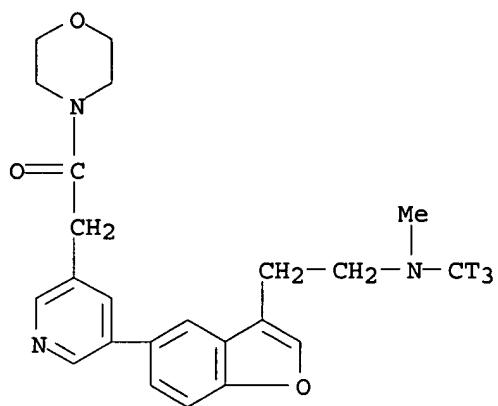
● HCl

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 3-Pyridinecarboxamide, 4-(2-furanylacetyl)-1,2-dihydro-N-(2-hydroxyethyl)-
6-methyl-2-oxo- (9CI)
MF C15 H16 N2 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

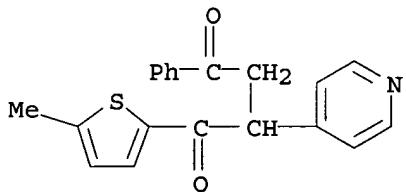
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Morpholine, 4-[(5-[3-[2-(methylmethyl-t3-amino)ethyl]-5-benzofuranyl]-3-pyridinyl]acetyl] - (9CI)
MF C23 H24 N3 O3 T3



L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 1,4-Butanedione, 1-(5-methyl-2-thienyl)-4-phenyl-2-(4-pyridinyl)- (9CI)

MF C20 H17 N O2 S



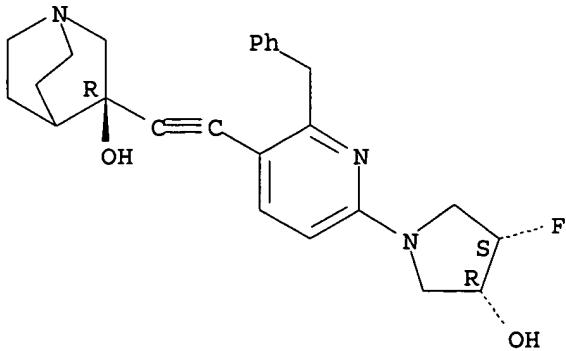
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 1-Azabicyclo[2.2.2]octan-3-ol, 3-[[6-[(3S,4R)-3-fluoro-4-hydroxy-1-pyrrolidinyl]-2-(phenylmethyl)-3-pyridinyl]ethynyl]-, (3R)- (9CI)

MF C25 H28 F N3 O2

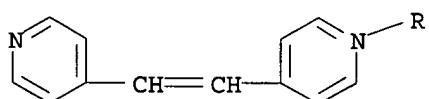
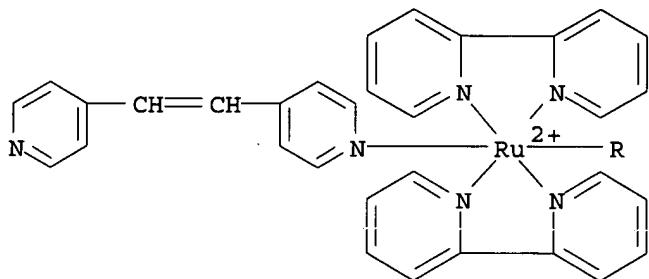
Absolute stereochemistry.



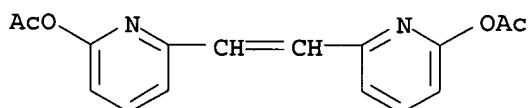
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Ruthenium(2+), bis(2,2'-bipyridine-N,N')bis[4,4'-(1,2-ethenediyl)bis[pyridine]-N]-, (OC-6-21)- (9CI)
MF C44 H36 N8 Ru
CI CCS, COM

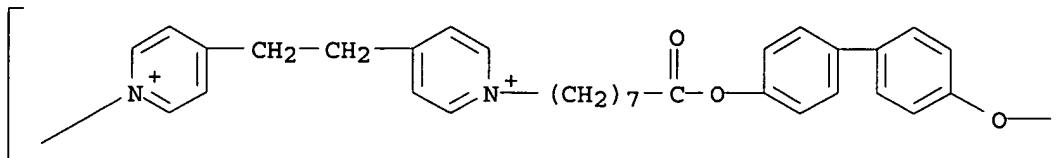
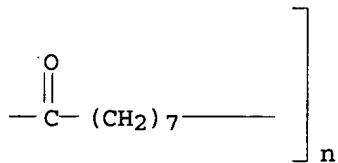


L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Pyridinol, 6,6'-(1,2-ethenediyl)bis-, diacetate (ester) (9CI)
MF C16 H14 N2 O4



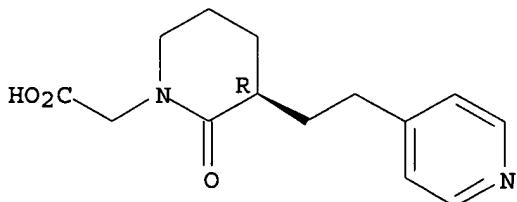
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Poly[pyridinium-1,4-diyl-1,2-ethanediylpyridinium-4,1-diyl(8-oxo-1,8-octanediyloxy[1,1'-biphenyl]-4,4'-diyloxy(1-oxo-1,8-octanediyldibromide] (9CI)
MF (C40 H48 N2 O4)n . 2 Br
CI PMS

●2 Br⁻

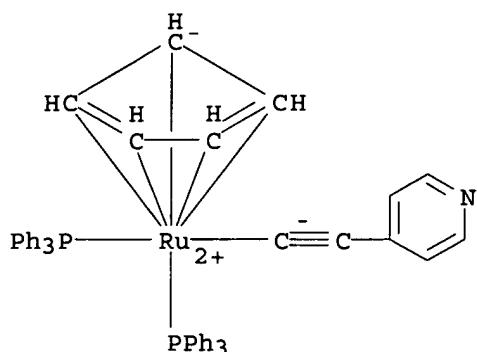
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN 1-Piperidineacetic acid, 2-oxo-3-[2-(4-pyridinyl)ethyl]-, (3R)- (9CI)
 MF C14 H18 N2 O3
 CI COM

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
 IN Ruthenium, (.eta.5-2,4-cyclopentadien-1-yl)(4-pyridinylethynyl)bis(triphenylphosphine)- (9CI)
 MF C48 H39 N P2 Ru
 CI CCS, COM



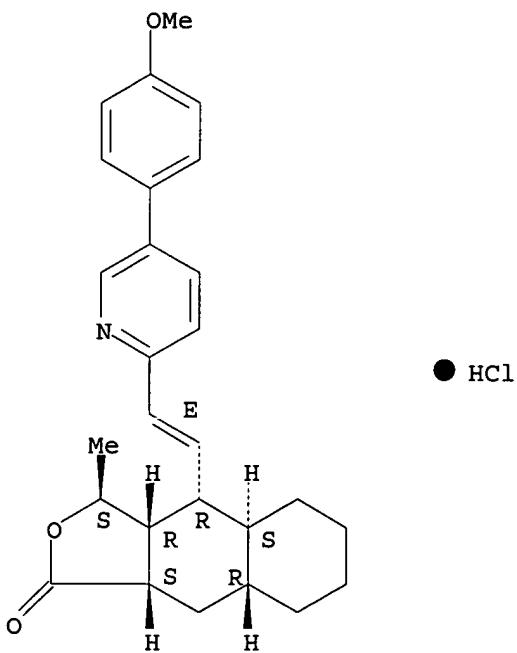
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN Naphtho[2,3-c]furan-1(3H)-one, decahydro-4-[(1E)-2-[5-(4-methoxyphenyl)-2-pyridinyl]ethenyl]-3-methyl-, hydrochloride, (3S,3aR,4R,4aS,8aR,9aS)- (9CI)

MF C27 H31 N O3 . Cl H

Absolute stereochemistry.

Double bond geometry as shown.

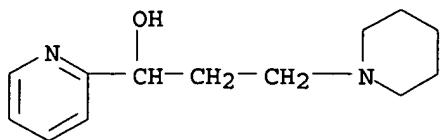


L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS

IN 2-Pyridinemethanol, .alpha.-[2-(1-piperidinyl)ethyl]- (9CI)

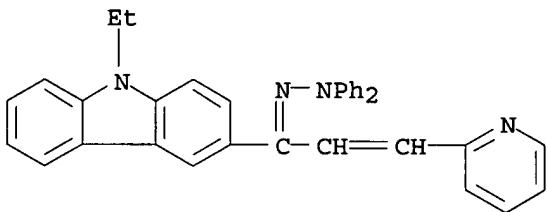
MF C13 H20 N2 O

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

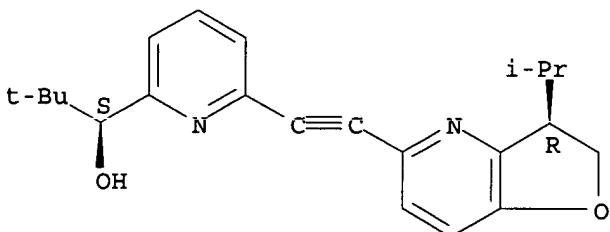
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Propen-1-one, 1-(9-ethyl-9H-carbazol-3-yl)-3-(2-pyridinyl)-, diphenylhydrazone (9CI)
MF C34 H28 N4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Pyridinemethanol, 6-[[2,3-dihydro-3-(1-methylethyl)furo[3,2-b]pyridin-5-yl]ethynyl]-.alpha.-(1,1-dimethylethyl)-, [S-(R*,S*)]- (9CI)
MF C22 H26 N2 O2

Absolute stereochemistry.

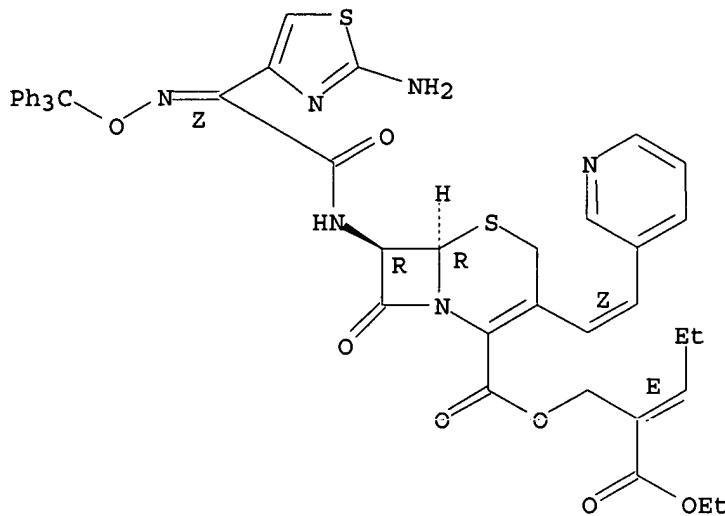


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[(2-amino-4-thiazolyl)[(triphenylmethoxy)imino]acetyl]amino]-8-oxo-3-[2-(3-pyridinyl)ethenyl]-, 2-(ethoxycarbonyl)-2-pentenyl ester, [6R-[2(E),3(Z),6.alpha.,7.beta.-(Z)]]- (9CI)
MF C46 H42 N6 O7 S2

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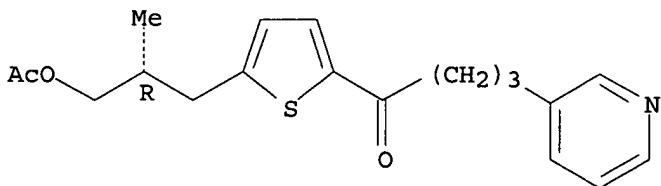
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

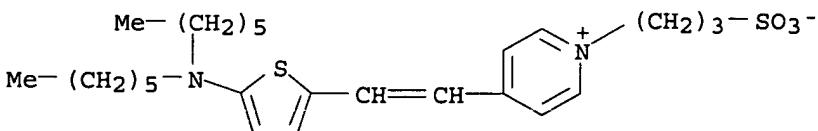
L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 1-Butanone, 1-[5-[(2R)-3-(acetyloxy)-2-methylpropyl]-2-thienyl]-4-(3-pyridinyl)- (9CI)
MF C19 H23 N O3 S

Absolute stereochemistry.



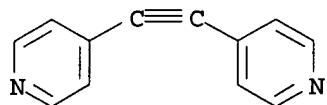
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Pyridinium, 4-[2-[5-(dihexylamino)-2-thienyl]ethenyl]-1-(3-sulfopropyl)-, inner salt (9CI)
MF C26 H40 N2 O3 S2



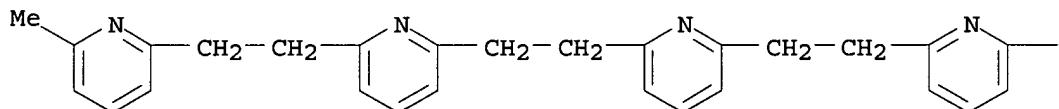
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L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Pyridine, 4,4'-(1,2-ethynediyl)bis-, radical ion(1-) (9CI)
MF C12 H8 N2
CI RIS

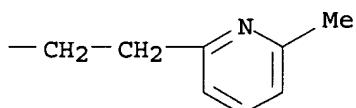


L2 20 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 2-Picoline, 6,6'-(2,6-pyridinediylbis(ethylene-6,2-pyridinediylethylene)]di- (8CI)
MF C35 H37 N5

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log y			
COST IN U.S. DOLLARS		SINCE FILE	TOTAL
		ENTRY	SESSION
FULL ESTIMATED COST		0.38	0.59

STN INTERNATIONAL LOGOFF AT 12:22:14 ON 29 MAY 2002

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FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 12:46:24 ON 29 MAY 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6
DICTIONARY FILE UPDATES: 27 MAY 2002 HIGHEST RN 422267-53-6

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

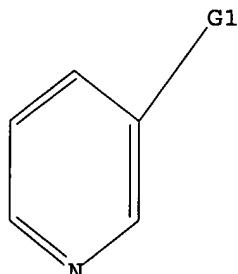
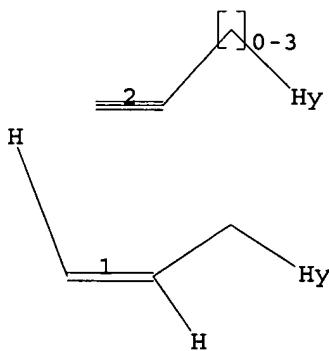
Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 098455264.str

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 [@1] , [@2]

Structure attributes must be viewed using STN Express query preparation.

09/845,526

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```
=> s 11 sss sam
SAMPLE SEARCH INITIATED 12:46:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4069 TO ITERATE
```

```
24.6% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH **COMPLETE**
PROJECTED ITERATIONS: 77557 TO 85203
PROJECTED ANSWERS: 192 TO 784
```

L2 6 SEA SSS SAM L1

```
=> d san
'SAN' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
```

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

```
REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of numeric properties
PROP - Same as CALC

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations
```

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when